

ABSTRACT

PACKAGING TAPE ADHESIVE COMPOSITION AND PACKAGING TAPE
COMPRISING IT.

A packaging tape adhesive composition for cardboard box sealing tapes, comprising:

- a linear tetrablock copolymer S-I-S-I', obtainable by full sequential polymerization of predominantly styrene and of predominantly isoprene respectively, having an apparent molecular weight in the range of from 205,000 to 225,000, and wherein both predominantly poly(styrene) blocks have an apparent molecular weight of from 10,000 to 12,000, wherein the intermediate S-I diblock copolymer has an apparent molecular weight in the range of from 130,000 to 185,000, wherein the intermediate S-I-S

triblock copolymer has an apparent molecular weight in the range of from 145,000 to 195,000, and wherein the poly(styrene) content is in the range of from 14 to 16 wt%, and

- at least one tackifying resin in an amount of from 50 to 150 parts by weight per 100 parts by weight of block copolymers;

packaging tape for cardboard sealing derived from said packaging tape adhesive composition;

the linear tetrablock copolymer for the preparation of said packaging tape adhesive composition; and

a process for the manufacture of pellets comprising said packaging tape adhesive composition.